

EXHIBIT B
CLEAN VERSION OF PENDING CLAIMS
U.S. PATENT APPLICATION NO. 09/657,722

19. A composition comprising a recovered population of peptides in admixture with a pharmaceutically acceptable non toxic carrier, wherein said recovered population of peptides is produced by a method comprising the steps of:

- (a) purifying a population of stress protein-peptide complexes from mammalian tumor cells, wherein the stress protein is non covalently associated with the peptide in said complexes;
- (b) releasing the peptides from said population of complexes to produce a released population of peptides; and
- (c) recovering the released population of peptides.

22. The composition of claim 19 further comprising a cytokine.

23. The composition of claim 22 wherein said cytokine is selected from the group consisting of IL-1 α , IL-1 β , IL-2, IL-3, IL-4, IL-5, IL-6, IL-7, IL-8, IL-9, IL-10, IL-11, IL-12, IFN α , IFN β , IFN γ , TNF α , TNF β , G-CSF, GM-CSF, and TGF- β .

24. The composition of claim 19 wherein the peptides are released from said population of complexes by a method comprising placing said population of complexes in the presence of adenosine triphosphate, low pH, or both.

25. The composition of claim 19, wherein said mammalian tumor cells are human cells.

26. The composition of claim 19 wherein said mammalian tumor cells are from a tumor selected from the group consisting of melanocarcinoma, hepatocarcinoma, and renal cell carcinoma.

27. The composition of claim 19 wherein said tumor cells are from a metastasis.

28. The composition of claim 19, wherein said tumor cells have been proliferated in vivo.

29. The composition of claim 19, wherein said tumor cells have been proliferated in vitro.

30. The composition of claim 19, wherein the stress protein is a member of a stress protein family selected from the group consisting of hsp60, hsp70, and hsp90.

31. The composition of claim 19, wherein the stress protein is gp96.